

**IN THE CLAIMS:**

**Please cancel** claims 1-25. **Please also add** new claims 26-40, as shown in the complete list of claims that is presented below.

Claims 1-25 (cancelled).

26. (new) A hand tool, comprising:

- a transmission gearbox (107) provided with a reciprocating handle (106) driven manually;
- an elongated column (101) having a central portion in which the transmission gearbox (107) is disposed, the column (101) including a main shaft driven by the transmission gearbox (107), said main shaft driving a cutter or a tool carried thereon;
- a one-way drive arrangement (109) connecting said reciprocating handle (106) to said transmission gearbox (107); and
- at least one of a lateral auxiliary handle (104) extending radially from said central portion of said column (101), and an axial auxiliary know(103) extending from said column (101) at an end of said column (101) opposite an output interface (102),
- wherein a relative angle between said lateral auxiliary handle (104) and said reciprocating handle (106) is fitted or adjustable, and
- wherein said handle (106) is manually reciprocated to drive said transmission gearbox (107) through said one-way drive arrangement (109) and further to drive said main shaft with a constant, acceleration, reduction, variable speed, or variable direction of said transmission gearbox (107) for rotatably driving said cutter or tool carried on said main shaft through an acceleration or reduction with an angular displacement different from that caused by manual driving.

27. (new) The hand tool of claim 26, wherein said transmission gearbox (107) comprises a plurality of gears.

28. (new) The hand tool of claim 27, wherein said gears include gears with different diameters.

29. (new) The hand tool of claim 27, wherein said gears include a sun gear and a planetary gear.

30. (new) A hand tool, comprising:  
an elongated column that includes a main shaft;  
an output interface connected to an end of the main shaft, the output interface being selected from the group consisting of a spiral member, a tapered member, a straight key, a chuck, a screw driver, an Allen wrench, a socket wrench, an insertion bit, and a socket member for holding a tool;  
a transmission mechanism mounted on the column and coupled to the main shaft;  
a handle coupled to the column; and  
a one-way drive arrangement connecting the handle to the transmission mechanism, so that torque is transmitted to the main shaft via the transmission mechanism to rotate the main shaft in a single direction when the handle is manually reciprocated, torque being transmitted to the main shaft when the handle is moved in a first direction but not when the handle is moved in a second direction,  
wherein the transmission mechanism comprises a plurality of gears, the plurality of gears including a first gear having a first diameter and a second gear having a second diameter that is different from the first diameter.

31. (new) The hand tool of claim 30, wherein the transmission mechanism has a transmission ratio such that movement of the handle in the first direction by a given angle results in movement of the main shaft by an angle different from the given angle.

32. (new) The hand tool of claim 30, wherein the transmission mechanism is disposed inside the column at a central portion thereof, and further comprising an axial knob connected to the column at an end of the column opposite the output interface.

33. (new) The hand tool of claim 30, further comprising an additional handle pivotably connected to the column, the additional handle being pivotable between between a radially extending position and a position in which the handle extends alongside a portion of the column.

34. (new) The hand tool of claim 33, wherein at least one of the gears in the transmission mechanism is a planetary gear.

35. (new) A hand tool, comprising:  
an elongated column that includes a main shaft;  
an output interface connected to an end of the main shaft, the output interface being selected from the group consisting of a spiral member, a tapered member, a straight key, a chuck, a screw driver, an Allen wrench, a socket wrench, an insertion bit, and a socket member for holding a tool;  
a transmission mechanism mounted on the column and coupled to the main shaft;  
a handle pivotably coupled to the column, the handle being pivotable between a first position, wherein the handle extends radially from the column, and a second position, wherein the handle extends alongside a portion of the column; and  
a one-way drive arrangement connecting the handle to the transmission mechanism, so that torque is transmitted to the main shaft via the transmission mechanism to rotate the main shaft in a single direction when the handle is manually reciprocated when the handle is in its first position.

36. (new) The hand tool of claim 35, wherein the transmission mechanism is disposed inside the column at a central portion thereof, and further comprising an axial knob connected to the column at an end of the column opposite the output interface.

37. (new) The hand tool of claim 35, further comprising an additional handle pivotably connected to the column, the additional handle being pivotable between between a radially extending position and a position in which the handle extends alongside a portion of the column.

38. (new) The hand tool of claim 35, wherein the transmission mechanism comprises a plurality of gears.

39. (new) The hand tool of claim 38, wherein at least one of the gears is a planetary gear.

40. (new) The hand tool of claim 38, wherein the gears include a first gear having a first diameter and a second gear having a second diameter that is different from the first diameter.